

10/566843

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Form PTO-1449 (REV. 1/06)			US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 125714	APPLICATION NO. New U.S. National Stage of PCT/JP2004/012114
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANTS Susumu NODA et al.		
			FILING DATE February 2, 2006		

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Date	Name		
JR	1	US 2002/0191905 A1	12/19/2002	PRATHER et al.		

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
JR	2	WO 98/57207	12/17/1998	WIPO		
	3	WO 2004/068205 A1	08/12/2004	WIPO	X	
	4	WO 01/20379 A1	03/22/2001	WIPO		
	5	JP A 62-100706	05/11/1987	JAPAN	X	
	6	JP A 2001-272555	10/05/2001	JAPAN	X	X
▼	7	JP A 2001-228347	08/24/2001	JAPAN	X	X

OTHER DOCUMENTS

Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)
JR	8	Yoshimasa SUGIMOTO et al; 29a-YN-5; "Design and characterization of coupling-controlled directional coupler (CC-DC) Based on photonic-crystal FESTA"; March 2003; p. 1137
	9	Yoshihiro AKAHANE et al; "Design of a channel drop filter by using a donor-type cavity with high-quality factor in a two-dimensional photonic crystal slab"; Applied Physics Letters; Volume 82, Number 9; March 3, 2003; pp. 1341-1343
	10	Bong-Shik SONG et al; "Photonic Devices Based on In-Plane Hetero Photonic Crystals"; Science; Vol. 300; June 6, 2003; p. 1537, right column, lines 1-9, Fig. 1D
	11	B.S. SONG et al; 29a-YN-4; "Improvement of Optical Add/Drop Filtering efficiency by using an In-Plane Hetero structure Interface"; March 2003; p. 1137
	12	AKAHANE et al; 29a-YN-9; "Drastic Increase of Quality Factor of Defect-Cavities in 2D Photonic Crystal Slabs by Modifying Defect Structure"; March 2003; p. 1138
▼	13	AKAHANE et al; 1p-ZM-3; "Optical Add/Drop Devices Using 2D Photonic Crystal - Design of device structures to achieve flat-top transfer function in filtering responses"; 2003; p. 944

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OTHER DOCUMENTS

Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)		
JR	14	Y. SUGIMOTO et al; "Design, fabrication, and characterization of coupling-strength-controlled directional coupler based on two-dimensional photonic-crystal slab waveguides"; Applied Physics Letters; October 20, 2003; Volume 83, Number 16; pp. 3236-3238		
	15	Y. AKAHANE et al; "High-Q photonic nanocavity in a two-dimensional photonic crystal"; Nature Publishing Group; October 30, 2003; Vol. 425; pp. 944-947		
	16	B.E. LITTLE et al; "Microring Resonator Channel Dropping Filters"; Journal of Lightwave Technology; Vol. 15, No. 6, June 1997; pp. 998-1005		
	17	S. FAN et al; "Channel Drop Tunneling through Localized States"; Physical Review Letters; The American Physical Society; February 2, 1998; Volume 80, Number 5; pp. 960-963		
↓	18	M.J. KHAN et al; "Mode-Coupling Analysis of Multipole Symmetric Resonant Add/Drop Filters"; IEEE Journal of Quantum Electronics; October 1999; Vol. 35; No. 10; pp. 1451-1460		

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